Upgrade Jail Campus Infrastructure
Phase 1 Design Criteria
Pinellas County
114400 North 49th Street
Clearwater, FL.

NOTES:
As indicated

MASTER UTILITY RELLOCATION NOTE:
MASTER WATER MAIN & PRIMARY POWER RELOCATES WILL REQUIRE CONSTRUCTION WITHIN SECURED PERIMETER AND WILL NEED TO BE ADDRESSED DURING CONSTRUCTION PHASING OF SECURITY FENCES.

LEGEND

- EXISTING FENCE FROM PREVIOUS PHASE
- EXISTING FENCE
- DEMO
Upgrade Jail Campus Infrastructure
Phase 1 Design Criteria
Pinellas County
114400 North 49th Street
Clearwater, FL.

I:\project\eng\13007600SC\DWG\DDS-50PERCENT\13007600SC-PH1-EXCON

2/3/2014 9:34 AM

George F. Young, Inc.
Since 1919

C-200
EXISTING FSC BUILDING TO BE REMOVED

CENTRAL DIVISION

EXISTING SECURITY FENCE TO BE REMOVED
EXISTING WATER MAIN TO BE REMOVED
EXISTING SANITARY SEWER TO BE REMOVED. INSTALL PLUG AT MANHOLE
EXISTING CHILLER LINES TO BE RELOCATED, SEE MEP PLANS
EXISTING SECURITY FENCE TO BE REMOVED
EXISTING VEHICLE SALLY PORT TO REMAIN
NOTE: INSTALL TEMPORARY SECURITY FENCE PRIOR TO BEGINNING PHASE 1 DEMOLITION
EXISTING ELECTRICAL SERVICE TO BE REMOVED

ITEMS TO BE DEMOLISHED:
1. FSC BUILDING
2. SIDEWALKS AND CONCRETE AROUND FSC BUILDING
3. SECURITY FENCING (REQUIRES TEMPORARY FENCE INSTALLATION PRIOR TO DEMOLITION)
4. WATER MAINS (REQUIRES NEW WATER MAIN INSTALLATION PRIOR TO DEMOLITION)
5. CHILLED WATER PIPES, GAS MAIN, ELECTRICAL AND COMMUNICATION SERVICE LINES
6. SANITARY SEWER
7. PARKING LOT INCLUDING ACCESS DRIVE, STORM PIPES AND INLETS
INTENT:

CONVERT THE EXISTING WATER MAIN TO A DEDICATED FIRE MAIN AND CONSTRUCT A NEW DOMESTIC WATER LOOP. THIS WILL REQUIRE NEW DOMESTIC WATER SERVICE LINES TO THE FOLLOWING BUILDING LOCATIONS:

1. E WING - SOUTH AREA
2. CENTRAL DIVISION - SOUTHWEST AREA
3. CENTRAL DIVISION - NORTHWEST AREA
4. CENTRAL DIVISION - NORTHEAST AREA
5. A BARRACKS
6. B BARRACKS
7. C BARRACKS
8. M1 - NORTH SIDE OF BUILDING
9. M2 - SOUTHEAST CORNER OF BUILDING
10. SHED NORTH OF HEALTH CARE BUILDING

THE PROPOSED WATER SERVICE CONNECTIONS WILL BE TAPPED INTO THE EXISTING SERVICE LINES AFTER COMPLETION OF THE PROPOSED DOMESTIC WATER LOOP. INTERRUPTION OF SERVICE SHALL BE MINIMIZED. OLD SERVICE SHALL BE REMOVED UNLESS USED FOR INTERNAL FIRE SYSTEMS.

NOTES:

A. NEW DOMESTIC WATER LOOP
B. EXISTING WATER SOFTENER
   EXISTING WATER SOFTENER TO BE DISCONNECTED AND RECONNECTED TO THE PROPOSED DOMESTIC LOOP. SEE SHEET C-231 FOR DETAILS

PHASING NOTE:
WATER DISTRIBUTION SYSTEM IMPROVEMENTS SHALL BE DONE PRIOR TO DISRUPTION TO ANY WATER SERVICE INCLUDING PHASE 1 INFRASTRUCTURE BUILDING.
Upgrade Jail Campus Infrastructure
Phase I Design Criteria
Pinellas County
114400 North 49th Street
Clearwater, FL.
INSTALL SECURITY TECHNOLOGY DUCT BANK. DUCT BANK SHALL CONSIST OF TWO 4" CONDUITS. ONE OF THE 4" CONDUITS SHALL HAVE THREE 1-1/4" INNER DUCTS. DUCT BANK SHALL START AT THE EXISTING PULL BOX LOCATED BETWEEN THE KITCHEN AND CONTROL BUILDINGS AND END AT THE HEALTH CARE FACILITY.
As indicated

CHECKED BY
JG
JG

DATE
3/12/2014

PROPOSED SECURITY FENCE
PROPOSED INFRASTRUCTURE BUILDING
FOR PROPOSED INFRASTRUCTURE
SANITARY SERVICE
PROPOSED FIRE SERVICE
PROPOSED POTABLE WATER SERVICE
PROPOSED SECURITY TECHNOLOGY DUCT BANK. DUCT BANK SHALL CONSIST OF TWO (2) 4" CONDUITS. ONE (1) OF THE 4" CONDUITS SHALL HAVE THREE (3) 1-1/4" INNER DUCTS.
PROPOSED CHILLER LINE, SEE MEP FOR INFORMATION
PROPOSED GREASE TRAP AREA, SEE MEP PLAN FOR DETAILS
PROPOSED SANITARY SEWER MANHOLE
ELECTRICAL SERVICE, SEE ELECTRICAL PLANS FOR DETAILS
PROPOSED TRANSFORMER PAD LOCATION
BRIDGE TO CENTRAL ABOVE, SEE ARCH. PLANS FOR DETAILS
PROPOSED CHILLER ATTACHED TO BRIDGE, SEE MEP PLAN FOR DETAILS

PROJECT NO.
114400 North 49th Street
Clearwater, FL.

No.
Description
Date

C-330
ITEMS TO BE DEMOLISHED (DISPLAYED AS BOLD ITEMS):

1. SECURITY FENCES IN BARRACKS A & B.
2. CONTROL, TRAY WASH, KITCHEN AND LAUNDRY BUILDINGS
3. GAS MAIN, ELECTRICAL AND COMMUNICATION SERVICE LINES
4. SANITARY SEWER AND STORM SERVICE LINES
5. ASPHALT DRIVE FROM SERVICE DRIVE TO SALLY PORT NEAR THE HEALTHCARE FACILITY
6. TREES WITHIN DEMOLITION AREA

NOTE:
INSTALL SECURITY FENCE PRIOR TO PHASE 3 DEMOLITION

REMOVED EXISTING SECURITY FENCE
EXISTING TREES TO REMAIN
EXISTING SERVICE DRIVE TO REMAIN INCLUDING RAMP AND LIFT
EXISTING SALLY PORT (TO REMAIN)
EXISTING SECURTY FENCE TO REMAIN
PHASE 3 DEMOLITION LIMITS

As indicated
Upgrade Jail Campus Infrastructure
Phase 1 Design Criteria
Pinellas County
114400 North 49th Street
Clearwater, FL.

PHASE 3 - PAVING, GRADING AND DRAINAGE PLAN

PROPOSED FACILITIES
MAINTENANCE BUILDING

PROPOSED SHERIFF'S PURCHASING
INFORMATION BUILDING

DRAINAGE BASIN DIVIDE
PIPE LOCATION
NOT VERIFIED

NOT FOR CONSTRUCTION
PRELIMINARY DOCUMENTS

ALH/TAW
JG
3/12/2014

George F. Young, Inc.
Since 1919
C-420

I:\project\eng\13007600SC\DWG\DDS-50PERCENT\13007600SC-PH3-PGD
2/3/2014 2:55 PM
PROPOSED FACILITY
Maintenance Building

CONNECT TO EXISTING MH
FOR PROPOSED SANITARY
SERVICE

PROPOSED SHERIFF'S PURCHASING
WAREHOUSE BUILDING

PROPOSED SANITARY
MANHOLE

PROPOSED SANITARY
MANHOLE

PROPOSED SANITARY
MANHOLE

PROPOSED WATER AND
FIRE SERVICE

PROPOSED 8" PVC
SANITARY SEWER PIPE

PROPOSED 8" PVC
SANITARY SEWER PIPE

PROPOSED PVC
WATER AND FIRE MAIN

PROPOSED PVC
WATER AND FIRE MAIN

PROPOSED PVC
WATER AND FIRE MAIN

WATER SERVICE
CONNECTION POINT

As indicated

PHASE 3 - UTILITY
PLAN
Upgrade Jail Campus Infrastructure

Phase 1 Design Criteria

Pinellas County
114400 North 49th Street
Clearwater, FL.

As indicated

George F. Young, Inc.
Since 1919
C-510
As indicated

PHASE 4 - PAVING, GRADING AND DRAINAGE PLAN

Upgrade Jail Campus Infrastructure
Phase 1 Design Criteria

Pinellas County
11440 North 49th Street
Clearwater, FL.

George F. Young, Inc.
Since 1919
C-520